

En 2665

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

3

Application Number

09/986,665

Filing Date

November 9, 2001

First Named Inventor

Michael S. HAGEDORN

Art Unit

2665

Examiner Name

J. E. Mattis

Attorney Docket Number

14724.0023

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<b>Remarks</b>	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Stephoe & Johnson LLP		
Signature			
Printed name	Scott D. Watkins		
Date	June 6, 2005	Reg. No.	36,715

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Patent Application  
Atty. Ref.: 14724.0023

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

Applicant: Michael S. HAGEDORN                      Group Art Unit: 2665  
Serial No.: 09/986,665                                  Examiner: J. E. Mattis  
Filed: November 9, 2001

For: ASYNCHRONOUS N X M  
ARBITRATING SWITCH AND  
ASSOCIATED METHODS

**RESPONSE TO RESTRICTION REQUIREMENT WITH TRAVERSE**

Assistant Commissioner of Patents  
U.S. Patent and Trademark Office  
220 20th Street South  
Customer Window  
Crystal Plaza II, Lobby, Room 1B03  
Arlington, Virginia 22202

Dear Sir:

In response to the restriction requirement, dated May 5, 2005, setting forth a one- month shortened statutory period for response that expires June 5, 2005, Applicant hereby elect Group I claims 1-14 with traverse.

In the restriction requirement, the Examiner proposes to restrict claims 1-22 into two (2) groups, as follows:

- I. Claims 1-14, drawn to a switch, classified in claims 370, subclass 537; and
- II. Claims 15-22, drawn to a routing method, classified in class 370, subclass 389.

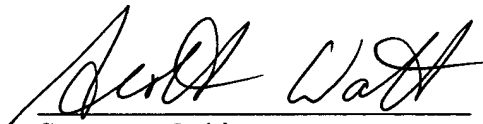
To the extent restriction is otherwise appropriate, overlap between the two groups suggests that they should be examined collectively. Specifically, while claims 1-14 are apparatus claims directed to a switch, the claimed switch will also in practical effect process

and/or route signals in a certain manner. Similarly, while claims 15-22 are method claims directed to a routing methodology, a switch is a physical structure capable of performing the claimed method. Based on this overlap, it is advisable for the Examiner to search in both subclasses 389 and 537 of class 370 regardless of which Group Applicant elects because art in the routing method subclass may be relevant to the apparatus switch claims, and art in the switch subclass may be relevant to the routing method claims. Thus, the additional examination of the seven (7) claims of Group II will not raise a significant burden on the Examiner's consideration of claims of Group I.

Applicant therefore requests that the Examiner withdraw the pending restriction requirement, and consider claims 1-22 collectively under subclasses 389 and 537 of class 370, as well as any other classes as may be appropriate.

The Commissioner is hereby authorized to charge any fee associated with this request or credit any overpayment to Deposit Account No. 19-4293 (Order No. 11050.0023).

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Scott Watkins", written over a horizontal line.

Scott D. Watkins  
Reg. No. 36,715

June 6, 2005  
Steptoe & Johnson LLP  
1330 Connecticut Ave., N.W.  
Washington, DC 20036  
(202) 429-6439